

ABSTRACT OF THE DISCLOSURE

A signal generator using an IIR type digital filter (recursive type digital filter) having multipliers A and B in a feedback loop. A control unit provided for the signal generator changes coefficients of the multipliers A and B and stops an output signal while maintaining a frequency of the output signal. Even in a stopping step of the output signal, the frequency of the output signal can be maintained at a frequency upon stable output and the generation of harmonics can be minimized.